POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Revocation of Power of Attorney with New Power of Attorney

HTC Corporation, as assignee of record of the entire right, title and interest in each of the patent application(s) or patent(s) listed as below, hereby revoke all powers of attorney previously given in each of the listed patent application(s) or patent(s) and appoint all practitioners associated with the Customer Number:

27765

as the attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all of the listed patent application(s) and patent(s).

Please recognize or change the correspondence address for the above-identified application to the address associated with the above-mentioned Customer

Statement under 37 CFR 3.73(b)

I hereby state that, as required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. The chain of title is indicated as below

	to Reel/Frame No.		DIGITAL EQUIPMENT 006530/0038 CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012447/0903 L.P.		HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
Chain of Title		Chain of Title		-			
	from		LOMET, DAVID B. GREEN, RUSSELL J.	DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION		COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
	No.		1	74		8	. 4
	Title			KEY-RANGE LOCKING WITH INDEX	TREES		
	Filing Date			1003 /00 /05	00/20/00		
	Appl. No.			08/01/191		101/10/00	

012447/0903	014102/0224	attached and concurrently submitted for recordation	006627/0510	011523/0469	attached and concurrently submitted for recordation
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HTC Corporation
DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	STEPHENS, CHARLES S.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
7	တ	4	~	2	e
KEY-VALUED LOCKING				CURRENT STABILIZING CIRCUIT	
				1993/02/11	
				08/017,215	

1 KOMMRUSCH, STEVEN J. HEWLETT-PACKARD
CONSTANT CURRENT VOLTAGE RESTORATION
POWER SEQUENCING CONTROL

attached and concurrently submitted for recordation	007125/0166	014506/0598	N 2 014506/0133	014428/0584
HTC Corporation	TANDEM COMPUTERS INCORPORATED	COMPAQ COMPUTER CORPORATION, A DELAWARE CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., A TEXAS LIMITED PARTNERSHIP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	ALDRIDGE, DAVID L. BISSELL, STEPHEN R. GUNN, DANIEL D.	TANDEM COMPUTERS INCORPORATED	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.
4	1	2	3	4
	REDUNDANT POWER MIXING ELEMENT 1994/06/30 WITH FAULT DETECTION FOR DC-TO-DC CONVERTER			
	1994/06/30	_	_	
	08/268,918			

	HEWLETT-P 5 DEVELOPMENT L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
	1 SINGH, JITE	SINGH, JITENDRA K.	HEWLETT-PACKARD COMPANY	007384/0202
1994/09/29 RETHOD OF PREVENTING SOFTWARE 1994/09/29 PIRACY BY UNIQUELY IDENTIFYING THE SPECIFIC MAGNETIC STORAGE DEVICE	7	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	011523/0469
THE SOFTWARE IS STORED ON	n	HEWLETT-PACKARD COMPANY	HTC Corporation	attached and concurrently submitted for recordation
COMMITMENT ORDERING FOR GUARANTEEING SERIALIZABILITY ACROSS DISTRIBUTED TRANSACTIONS		DIGITAL EQUIPMENT CORPORATION TE COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	012447/0903
	COMPAQ INFO TECHNOLOGIE	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	014102/0224

attached and concurrently submitted for recordation	007424/0468	012418/0222	015000/0305	attached and concurrently submitted for recordation		
HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012418/0222 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation		
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	KOTZUR, GARY B.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
m	1	7	ro.	4		
		CIRCUIT FOR ENSURING THAT A LOCAL	INTERRUPT CONTROLLER IN A MICROPROCESSOR IS POWERED UP ACTIVE			
	<u> </u>					
			08/366,778 1994/12/30			

007557/0850	011523/0469	026945/0699	attached and concurrently submitted for recordation	007509/0868	012418/0222
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.
KARP, ALAN H. AMERSON, FREDERIC C. BRZEZINSKI, DENNIS GUPTA, RAJIV WORLEY, WILLIAM S., JR.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	ROSSI, MARKKU J.	COMPAQ COMPUTER CORPORATION
1	2	3	4		2
			COMMUNICATIONS APPARATUS WITH ANTENNA SWITCHING BASED ON		
	1995/02/06			1995/03/31	
	08/384,308			08/414,759	

DISPLAY MODE PROCESSOR
SYSTEM ADMINISTRATION MODULE FOR AN OPERATING SYSTEM AFFORDS GRADED RESTRICTED ACCESS

026945/0699	attached and concurrently submitted for recordation	007595/0688	014506/0598	014506/0133	014428/0584
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	TANDEM COMPUTERS INCORPORATION	COMPAQ COMPUTER CORPORATION, A DELAWARE CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., A TEXAS LIMITED PARTNERSHIP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HORST, ROBERT W.	TANDEM COMPUTERS INCORPORATED	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.
ω	4	1	2	c	4
			LOGICAL, FAIL-FUNCTIONAL, DUAL	0	
				1995/06/07	
			_	08/484,281	

attached and concurrently submitted for recordation	007834/0649
HTC Corporation	TANDEM COMPUTERS INCORPORATED
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HORST, ROBERT W. BAKER, WILLIAM EDWARD BANTON, RANDALL G. BROWN, JOHN MICHAEL BRUCKERT, WILLIAM PATTERSON CAMPBELL, GARY F. CODDINGTON, JOHN DEANE CUTTS, RICHARD W., JR. DREXLER, BARRY LEE ELROD, HENRY FRANK FOWLER, DANIEL L. GARCIA, DAVID J.
rv	17
	FAIL-FAST, FAIL-FUNCTIONAL, FAULT-TOLERANT MULTIPROCESSOR SYSTEM
	1995/06/07
	08/485,217

							014506/0598
							COMPAQ COMPUTER CORPORATION, A DELAWARE CORPORATION
HINTIKKA, PAUL N. ISWANDHI, GEOFFREY I. JEWETT, DOUGLAS EUGENE	JONES, CURTIS WILLARD, JR. KLECKA, JAMES STEVENS	KRAUSE, JOHN C. LOW, STEPHEN G.	MEREDITH, SUSAN STONE MEYERS, STEVEN C.	SONNIER, DAVID PAUL WATSON, WILLIAM JOEL	WHITESIDE, PATRICIA L.	WILLIAMS, FRANK A. ZALZALA, LINDA ELLEN	TANDEM COMPUTERS INCORPORATED
							2

014506/0133	014428/0584	attached and concurrently submitted for recordation	011523/0469	026945/0699	attached and concurrently submitted for recordation
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., A TEXAS LIMITED PARTNERSHIP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
m	4	rv		7	3
				APPARATUS, SYSTEMS AND METHOD FOR IMPROVING MEMORY BANDWIDTH UTILIZATION IN VECTOR PROCESSING	SYSTEMS
				1997/01/17	
	-			08/785,192	

P. 007583/0393	007832/0210	N ?, 012418/0222	015000/0305	attached and concurrently submitted for recordation	007647/0397	
NETWORTH, INC., A CORP. OF DELAWARE			HTC Corporation	COMPAQ COMPUTER CORPORATION		
BENNETT, ARTHUR T.	BENNETT, ARTHUR T. NETWORTH, INC. A CORPORATION OF THE STATE OF DELAWARE COMPAQ COMPUTER COMPAQ INFORMATION TECHNOLOGIES GROUP, LP HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	MUNDT, KEVIN KORINSKY, GEORGE DORR, BILL		
\vdash						
	ADAPTIVE REPEATER SYSTEM					
	1995/08/11					
	08/514,110					

012418/0222	015000/0305	attached and concurrently submitted for recordation	011523/0469	026945/0699	attached and concurrently submitted for recordation	
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. HTC Corporation		HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation		
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
2	B	4		2	3	
			DOT CLOCK GENERATION WITH MINIMAL CLOCK SKEW			
				1995/10/13		
				08/543,229		

008011/0921	014506/0598	014506/0133	014428/0584	attached and concurrently submitted for recordation	007958/0152	
TANDEM COMPUTERS INCORPORATED	O F					
FISHLER, LEONARD R. ZARGHAM, BAHMAN	FISHLER, LEONARD R. ZARGHAM, BAHMAN TANDEM COMPUTERS INCORPORATED COMPAQ COMPUTER COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.					
1	1					
SYSTEM FOR TRANSFERRING A DATA STREAM TO A REQUESTOR WITHOUT COPYING DATA SEGMENTS TO EACH ONE OF MULTIPLE DATA SOURCE/SINKS DURING DATA STREAM BUILDING						
1995/12/20						
08/578,409						

011523/0469	020478/0511	attached and concurrently submitted for recordation	007876/0148	012418/0222	015000/0305
HEWLETT-PACKARD COMPANY	SIEMENS PRODUCT LIFECYCLE MANAGEMENT SOFTWARE INC.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012418/0222 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HANSEN, PETER A.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
2	c	4	7	2	3
POLYGON			1996/02/20 METHOD AND APPARATUS FOR GUIDED CONFIGURATION OF UNCONFIGURED NETWORK AND INTERNIETWORK	DEVICES	
			1996/02/20		
			08/603,061		

HEWLETT-PACKARD 4 DEVELOPMENT COMPANY, L.P. L.P. 1 FAULK, RICHARD A. COMPAQ COMPUTER COMPAQ COMPUTER COMPAQ INFORMATION RAMP SWITCHING 3 TECHNOLOGIES GROUP, LP	4 1 0 0
	PULSE WIDTH MODULATION BIAS TO MINIMIZE EFFECT OF NOISE DUE TO RAMP SWITCHING
PULSE WIDTH MODULATION BIAS TO MINIMIZE EFFECT OF NOISE DUE TO RAMP SWITCHING	
	1996/02/22

012418/0222	015000/0305	attached and concurrently submitted for recordation	007895/0246	012418/0222	015000/0305
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012418/0222 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	FAULK, RICHARD A.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
2	က	4	—	7	c
			SENSOR CIRCUIT FOR PROVIDING MAXIMUM AND MINIMUM CELL VOI TACES OF A RATTERY		
			1996/02/22		
			08/605,727		

HTC Corporation submitted for recordation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012418/0222 L.P.	HEWLETT-PACKARD DEVELOPMENT 015000/0305 COMPANY, L.P.	attached and concurrently submitted for recordation	COMPAQ COMPUTER 007994/0504 CORPORATION	
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	FRITZ, BRIAN C.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	SCHNELL, ARNOLD COI THOMAS	
4	←	2	m	4	1	
	CIRCUIT FOR SELECTING AND DESIGNATING A MASTER BATTERY PACK IN A COMPUTER SYSTEM					
	1996/03/04					
	08/613,441					

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011523/0469	026945/0699	attached and concurrently submitted for recordation	008060/0129	012418/0222	015000/0305
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	BRAUEL, ERIC S.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
2	ဗ	4	\leftarrow	2	3
TWO DIMENSIONAL MEMORY			PORTABLE PERSONAL COMPUTERS WITH MULTI-DIRECTIONAL INFRARED		
			08/668,848 1996/06/24		
			08/668,848		

attached and concurrently submitted for recordation	ξD 008272/0440	(D 011523/0469	tD 026945/0699	attached and concurrently submitted for recordation	(D 008272/0549	tD 011523/0469
HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	JANSEN, ARIAN	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	JANSEN, ARIAN	HEWLETT-PACKARD COMPANY
4		2	3	4		2
			POWER SUPPLY WITH MINIMAL DISSIPATION OUTPUT STAGE			
			1996/07/01			
			08/675,302			

026945/0699	attached and concurrently submitted for recordation	012418/0222	015000/0305	attached and concurrently submitted for recordation
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. HTC Corporation		COMPAQ INFORMATION TECHNOLOGIES GROUP, 012418/0222 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
m	4	~	7	n
			AUDIO SYSTEM FOR A PERSONAL COMPUTER	
		1996/09/30		
			08/723,281	

008306/0902	011523/0469	attached and concurrently submitted for recordation	008289/0707	012418/0222	015000/0305
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
VAN GAASBECK, RICHARD HENRY PILLALAMARRI, SHYAM LLNICKI, SLAWOMIR	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	FAULK, RICHARD A.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
2 8				2	3
	1996/10/10 MULTI-OS NETWORKING ENVIRONMENT	TRANSFORMER-ISOLATED PULSE DRIVE CIRCUIT			
		1996/12/03			
	08/728,422				

		4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
			MATTSON, H. DAVID WATSON, WILLIAM J. GARCIA, DAVID J. SONNIER, DAVID P.	TANDEM COMPUTERS INCORPORATED	008409/0591
1996/12/09	METHOD AND APPARATUS FOR CONFIGURING ROUTING PATHS OF A NETWORK COMMUNICATIVELY INTERCONNECTING A NUMBER OF	2	TANDEM COMPUTERS INCORPORATED	COMPAQ COMPUTER CORPORATION, A DELAWARE CORPORATION	014506/0598
	PROCESSING ELEMENTS	${\mathfrak C}$	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., A TEXAS LIMITED PARTNERSHIP	014506/0133
		4	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	014428/0584

METHOD AND APPARATUS FOR STORING AND EXPANDING VARIABLE-LENGTH PROGRAM
INSTRUCTIONS UPON DETECTION OF A MISS CONDITION WITHIN AN INSTRUCTION CACHE CONTAINING POINTERS TO COMPRESSED
WORD PROCESSOR ARCHITECTURES
1997/03/27 METHODS FOR CATALOGING GRAPHICS PRIMITIVES BY RENDERING STATE

026945/0699	attached and concurrently submitted for recordation	008355/0060	, 012447/0903	014102/0224	attached and concurrently submitted for recordation		
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	DIGITAL EQUIPMENT CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation		
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	BEN-MICHAEL, SIMONI PERLMAN, SHUKI	DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
ε0	4	L 2 & 4					
				DEVICE AT THE CITIEN BND OF A WINE IN A COMPUTER NETWORK			
		1997/01/06					
			070 0771 00	610/611/00			

TANDEM COMPUTERS INCORPORATED	COMPAQ COMPUTER 011368/0741 CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012418/0222 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	attached and concurrently submitted for recordation	DIGITAL EQUIPMENTT 009936/0524 CORPORATION
TANDE	COMP	COMPAG			DIGITA
JARDINE, ROBERT L. REEVES, LARRY D. BASAVAIAH, MURALI EASOP, GARRY	TANDEM COMPUTERS INCORPORATED	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HALSTEAD, ROBERT H., JR. BUFF, ROBERT
1 2 © 4 v					1
		METHOD AND APPARATUS FOR TOLERATING POWER OUTAGES OF VARIABLE DURATION IN A MULTI-PROCESSOR SYSTEM			OFF-LINE CLOCK SYNCHRONIZATION FOR MULTIPROCESSOR EVENT TRACES
		1997/01/28			1997/02/06
		08/789,260			08/796,829

012447/0903	014102/0224	attached and concurrently submitted for recordation	008488/0283	012418/0222	015000/0305
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	BONTEMPS, EVAN J. GAGLIARDI, LOUIS R.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
7/	က	4	7	2	တ
				METHOD AND APPARATUS FOR AUTOMATICALLY DETECTING MEDIA CONNECTED TO A NETWORK PORT	
				1997/03/24	
				08/823,512	

attached and concurrently submitted for recordation	008598/0903	011523/0469	attached and concurrently submitted for recordation	008591/0852	022460/0948
HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HTC Corporation	ELECTRONIC DATA SYSTEMS CORPORATION	ELECTRONIC DATA SYSTEMS, LLC
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	WAKELEY, TIMOTHY LEUNG, SAMUEL LIU, SHUOSEN ROBERT TANG, KEUNG	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	SIME, WILLIAM	ELECTRONIC DATA SYSTEMS CORPORATION
4		2	ς,	1	2
	METHOD AND APPARATUS FOR	PROVIDING 10BASE-T/100BASE-TX LINK ASSURANCE		SYSTEM AND METHOD FOR INTERNET GATEWAY PERFORMANCE CHARTING	
		1997/03/31		1997/06/06	
		08/829/668		08/871,157	

022449/0267	attached and concurrently submitted for recordation	008601/0194	012418/0222	015000/0305	attached and concurrently submitted for recordation		
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation		
ELECTRONIC DATA SYSTEMS, LLC	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	WARRIER, PADMANAND RICHTER, ROGER	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
ro.	4	1 2 6 4					
				SCALEABLE NETWORK SYSTEM FOR REMOTE ACCESS OF A LOCAL NETWORK			
		1997/06/09					
				08/871,323			

		\leftarrow	CRISAN, ADRIAN	COMPAQ COMPUTER CORPORATION	008968/0198
		7	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	012418/0222
1997/06/30 TYPING POWER		က	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	015000/0305
		4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
		\leftarrow	FAULK, RICHARD A.	COMPAQ COMPUTER CORPORATION	009581/0828
1997/06/30 AC/DC PORTABLE POWER CONNECTING ARCHITECTURE	NECTING	2	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012418/0222 L.P.	012418/0222
		_ω	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	015000/0305

		4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
		- 	MITCHELL, NATHAN FREIMAN, JOSEPH F.	COMPAQ COMPUTER CORPORATION	009724/0524
	PORTABLE FUEL-CELL-POWERED	7	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012314/0394 L.P.	012314/0394
₹		m	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	015000/0305
		4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
CC ZUR	COMPUTER BATTERY PACK CHARGE CURRENT SENSOR WITH GAIN CONTROL	7-1	FAULK, RICHARD A. SCHLUTER, JOHN C.	COMPAQ COMPUTER CORPORATION	007903/0105

012418/0222	015000/0305	attached and concurrently submitted for recordation	008810/0030	011523/0469	026945/0699
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	WEIMAN, LYLE A.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
2	က	4	\leftarrow	2	c
			COMPUTER NETWORK ADDRESS MAPPING		
			1997/07/31		
			08/904,053		

HTC Corporation submitted for recordation	HEWLETT-PACKARD 008793/0570 COMPANY	HEWLETT-PACKARD 011523/0469 COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	attached and concurrently submitted for recordation	DIGITAL EQUIPMENT CORPORATION
	HEWLET	HEWLET	HEWLET DEVEL COMP		DIGITAL I CORPC
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	MELVIN, BRUCE W.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	SHUSTERMAN, BORIS METSLER, ALEX THOMAS, ABRAHAM
4	T	2	7		
			FLEXIBLE MULTI-FREQUENCY REPEATER		DATA COMMUNICATION ISOLATION TRANSFORMER WITH IMPROVED COMMON-MODE ATTENUATION
			1997/08/13		1997/08/18
			08/910,652		08/912,417

7
COMPAQ INFORMATION 3 TECHNOLOGIES GROUP, L.P.
4
METHOD FOR ESTIMATING STATISTICS
OF PROPERTIES OF INSTRUCTIONS 1
OCESSOR PIPELINE

N P, 012447/0903	014102/0224	attached and concurrently submitted for recordation	008895/0574
COMPAQ INFORMATION TECHNOLOGIES GROUP, 012447/0903 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	DIGITAL EQUIPMENT CORPORATION
DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	ANDERSON, JENNIFER-ANN M. DEAN, JEFFREY A. HICKS, JAMES E., JR. WALDSPURGER, CARL A. WEIHL, WILLIAM E.
2	3	4	-
			METHOD FOR INSERTING MEMORY PREFETCH OPERATIONS BASED ON MEASURED LATENCIES IN A PROGRAM OPTIMIZER
			1997/11/26
			08/980,145

4ATION GROUP, 012447/0903	KARD INT 014102/0224 I.P.	attached and concurrently submitted for recordation	MENT 008922/0472 ON	ON 010861/0523
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	DIGITAL EQUIPMENT CORPORATION	COMPAQ COMPUTER CORPORATION
DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	CHRYSOS, GEORGE Z. DEAN, JEFFREY A. HICKS, JAMES E., JR. WEIHL, WILLIAM E. WALDSPUGER, CARL A.	DIGITAL EQUIPMENT CORPORATION
2	3	4	1	2
			METHOD FOR SCHEDULING THREADS IN A MULTITHREADED PROCESSOR	
			1997/11/26	
			08/980,167	

012468/0763	018847/0863	attached and concurrently submitted for recordation	008919/0313	012418/0222	015000/0305
COMPAQ INFORMATION TECHNOLOGIES GROUP, 012468/0763 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	LACOMBE, JOHN S. YEE, PETER M. GAUDET, RENE R. VAN CLEVE, ROBERT	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
m	4	rv	7—1	2	က
			NONINTRUSIVE MONITORING OF A COMPUTER SYSTEM'S DOWNTIME DUE TO A SUPPLY POWER OUTAGE CONDITION		
			1997/12/09		
			08/987,625		

attached and concurrently submitted for recordation	TON DUP, 012447/0903	3D 015000/0305	attached and concurrently submitted for recordation	3D 009252/0744	3D 011523/0469
HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	MORRIS, DALE C. HUNT, DOUGLAS B.	HEWLETT-PACKARD COMPANY
4	7 8			1	2
		HIGH PERFORMANCE RECOVERABLE COMMUNICATION METHOD AND APPARATUS FOR WRITE-ONLY NETWORKS		COMPUTER SYSTEM HAVING AN INSTRUCTION FOR PROBING MEMORY LATENCY	
	1998/01/13			1998/01/30	
		09/006,115		09/016,692	

026945/0699	attached and concurrently submitted for recordation	008971/0853	011109/0353	012418/0222	015000/0305
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	DIGITAL EQUIPMENT CORPORATION	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	CHRISTIAN, ANDREW D. AVERY, BRIAN L. WATERS, KEITH	DIGITAL EQUIPMENT CORPORATION	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
rs.	4	7	2	3	4
		TECHNIQUE FOR PROVIDING A COMPUTER GENERATED FACE HAVING COORDINATED EYE AND HEAD MOVEMENT			
		1998/02/06			
		09/020,036			

APPARATUS AND MET EFFICIENT SWITCHING O BETWEEN REGIONS (INSTRUCTION LEVEL PAR LOW INSTRUCTION LEVE IN COMPUTER PRO	APPARATUS AND MET EFFICIENT SWITCHING O BETWEEN REGIONS (INSTRUCTION LEVEL PAR LOW INSTRUCTION LEVE IN COMPUTER PRO
APPARATUS AND METHOD FOR EFFICIENT SWITCHING OF CPU MODE BETWEEN REGIONS OF HIGH INSTRUCTION LEVEL PARALLISM AND LOW INSTRUCTION LEVEL PARALLISM IN COMPUTER PROGRAMS	
1	1998/04/22

009503/0028	attached and concurrently submitted for recordation	009285/0505	011523/0469	026945/0699
HEWLETT-PACKARD COMPANY	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
SHMUELI, ODES GREIG, DARRYL STAELIN, CARL TAMIR, TAMI	HEWLETT-PACKARD COMPANY	BENITEZ, MANUEL E. MATTSON, JAMES S., JR. BUZBEE, WILLIAM B. SHAH, LACKY V.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY
7	က	\leftarrow	2	က
		CONTROL PATH EVALUATING TRACE DESIGNATOR WITH DYNAMICALLY ADJUSTABLE THRESHOLDS FOR ACTIVATION OF TRACING FOR HIGH (HOT) ACTIVITY AND LOW(COLD) ACTIVITY OF FLOW CONTROL		
		09/073,211 1998/05/04		
		09/073,211		_

METHOD AND SYSTEM CONDENSING ANIMATED IMAGES		4 1 6	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. GABLER, JEFFREY R STARNES, DARRELL J. COMPAQ COMPUTER COMPAQ COMPUTER COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HTC Corporation attached and concurrently submitted for recordation COMPAQ COMPUTER COMPAQ INFORMATION TECHNOLOGIES GROUP, 012471/0168 L.P. HEWLETT-PACKARD DEVELOPMENT 015000/0305 COMPANY, L.P.	attached and concurrently submitted for recordation 009393/0992 012471/0168 015000/0305
		4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
TRACEABLE SELF-CONTAINED PROGRAMMABLE FREQUENCY SOURCE FOR PERFORMING ALTERNATE TEST SITE AND OPEN AREA TEST SITE	F-CONTAINED EQUENCY SOURCE TERNATE TEST SITE EA TEST SITE	F-1	HALL, KENNETH S. POMMERENKEE, DAVID KOLB, LOWELL E.	HEWLETT-PACKARD COMPANY	009505/0721

026945/0699	attached and concurrently submitted for recordation	009496/0504	V 012447/0903	014102/0224	attached and concurrently submitted for recordation
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	DIGITAL EQUIPMENT CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	SCHROTER, BERNHARD NG, WILLIAM	DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	COMPAQ INFORMANTION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
2	c.	1	7	w	4
COMPARISONS			LOW PROFILE SURFACE MOUNT	TRANSFORMER	
		1998/09/29			
			733 631/00	702,007	

			7	NGUYEN, HAI N.	COMPAQ COMPUTER CORPORATION	009551/0452
			7	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012471/0015 L.P.	012471/0015
09/179,740	1998/10/27	NETWORK NODE WITH INTERNAL BATTERY BACKUP	w	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	015000/0305
			4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
			Η.	MYERS, TIMOTHY F.	HEWLETT-PACKARD COMPANY	009751/0449
09/181,797	1998/10/28	STATE-OF-CHARGE-MEASURABLE BATTERIES	2	HEWLETT-PACKARD COMPANY	HTC Corporation	attached and concurrently submitted for recordation
09/182,925	1998/10/30	METHOD AND APPARATUS FOR RECOVERING DATA FROM A DIFFERENTIAL PHASE SHIFT KEYED	-	HE, MING R. LIU, CE RICHARD	COMPAQ COMPUTER CORPORATION	009724/0555

012552/0917	015000/0305	attached and concurrently submitted for recordation	009709/0742	attached and concurrently submitted for recordation	009675/0575
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HTC Corporation	HEWLETT-PACKARD COMPANY
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	GAZDIK, CHARLES J.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD LIMITED
2	ဗ	4		2	←
SIGNAL			MANUFACTURE OF SOFTWARE	DISTRIBUTION MEDIA PACKAGES FROM COMPONENTS RESIDENT ON A REMOTE SERVER SOURCE	METHOD OF USING PRIMARY AND SECONDARY PROCESSORS
				1998/11/12	1998/12/11
				09/191,262	09/209,778

026945/0699	attached and concurrently submitted for recordation	N 2, 012418/0222	015000/0305	attached and concurrently submitted for recordation	009939/0652
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	YORK, JUSTIN E.
2	က	~	2	က	~
			DIAGNOSTIC MODULE DISPATCHER		AUTOMATIC SYNCHRONIZATION OF STATE COLORS ACROSS A WEB-BASED
			1998/12/30		1999/01/15
			09/223,537		09/232,409

015000/0305	attached and concurrently submitted for recordation		010063/0966			012375/0168	014628/0103
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation		COMPAQ COMPUTER CORPORATION			COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEIRICH, ALAN MOLL, LAURENT	SHAND, MARK	TAM, ALBERT	HORST, ROBERT W.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP LP
2	co		\vdash			2	3
SYSTEM			PARALLEL PIPELINED MERGE ENGINES				
			1999/03/08				
			09/264,347				

HEWLETT-PACKARD 4 DEVELOPMENT COMPANY, L.P. 1 HEIRICH, ALAN
USING IRRADIANCE TEXTURES FOR PHOTOREALISTIC IMAGE GENERATION
A SYSTEM FOR ABORTING RESPONSE TO CLIENT REQUEST IF DETECTING CONNECTION BETWEEN CLIENT SERVER

014061/0492	attached and concurrently submitted for recordation	011523/0469	attached and concurrently submitted for recordation	012418/0222	015000/0305
HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
2	က	1	7	1	2
IS CLOSED BY EXAMINING LOCAL SERVER INFORMATION		METHOD AND APPARATUS FOR	PATTERN RECOGNITION USING A RECOGNITION DICTIONARY PARTITIONED INTO SUBCATEGORIES	METHOD AND APPARATUS FOR PRESENTING VIDEO ON A DISPLAY MONITOR ASSOCIATED WITH A	
			2002/01/04	1999/04/30	
			09/297,499	09/303,222	

attached and concurrently submitted for recordation	010173/0590	012403/0556	016386/0526	attached and concurrently submitted for recordation
HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012403/0556 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	SONNIER, DAVID P. WATSON, WILLIAM J. MIZELL, ROBERT B. HORST, ROBERT W.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
m		2	m	4
		TRANSPOSE TABLE BIASED ARBITRATION SCHEME.		
		1999/05/17		
		09/312,923		

HEWLETT-PACKARD 010215/0954 COMPANY	attached and concurrently submitted for recordation	010285/0613	N P, 012472/0708	015000/0305	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
HEWLETT-PACKARD FRANCE S.A. LIOUX, BERNARD COMBE, JEAN-PIERRE	HEWLETT-PACKARD COMPANY	DURKIN, DAVID P.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
1	2	1	2	3	4
BACK-UP POWER ACCESSORY FOR A				ADMINISTRATIVE CONTROL AND SECURITY OF MODEMS	
1999/06/07				1999/06/08	
09/327,097				09/327,896	

010038/0842	J , 012472/0722	015000/0305	attached and concurrently submitted for recordation	010108/0589	J 012553/0594	015000/0305
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
CHAIKEN, CRAIG L.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	LOW, CHOR LENG HAI, HUANG	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP
<u></u>	2	3	4	7	2	ç,
	מסד מידד א מאממא מנאא מסדודיתא א	A METHOD AND AFFARATOS FOR TESTING ASL PLUG AND PLAY CODE IN AN ACPI OPERATING SYSTEM.		INTEGRATED CONNECTOR MODULE FOR PERSONAL COMPUTERS		
		1999/06/09		1999/07/09		
		09/329,039		09/350,507		

			4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
			←	ANNE, RAMAKRISHNA WATTS, ROBERT F.	COMPAQ COMPUTER CORPORATION	010130/0663
		DUAL MODE PHONE LINE NETWORKING	7	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012562/0406 L.P.	012562/0406
09/359,018	1999/07/22	MODEM UTILIZING TELEPHON	ю	COMPAQ INFORMATION TECHNOLOGIES GROUP, LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	015000/0305
			4	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
09/364,245	1999/7/22	Method and apparatus for delaying the execution of dependent loads	1.	KESSLER, RICHARD E. RAZDAN, RAHUL MCLELLAN, EDWARD J.	DIGITAL EQUIPMENT CORPORATION	010161/0715

OMPUTER 011776/0688 ATION	ORMATION IES GROUP, 012403/0230	ACKARD PMENT 019365/0994 IY, L.P.	attached and concurrently submitted for recordation	ACKARD 010421/0927 ANY	attached and concurrently submitted for
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	, HTC Corporation	HEWLETT-PACKARD COMPANY	HTC Corporation
DIGITAL EQUIPMENT CORPORATION	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HELOT, JACQUES H. DEROCHER, MICHAEL D. BLIVEN, ROBERT P.	HEWLETT-PACKARD COMPANY
- 7	m	4	r	←	7
				BAT	FOLD-OUT CONNECTORS
					1999/04/04
					09/308,740

010434/0572	022529/0524	attached and concurrently submitted for recordation	010935/0571	014061/0492
SPECK PRODUCT DESIGN 010434/0572	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
JANIK, CRAIG M. LILLIOS, TONY MORGAN, GARTH ROHRBACH, MATTHEW	SPECK PRODUCT DESIGN	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	MORRIS, DALE C. CALLISTER, JAMES R. UNDY, STEPHEN R.	HEWLETT-PACKARD COMPANY
1	2	ဗ	1	2
	VERTICAL DOCKING AND POSITIONING APPARATUS FOR A PORTABLE COMPUTER		PREFETCH INSTRUCTION FOR AN UNPREDICTED PATH INCLUDING A FLUSH FIELD FOR INDICATING WHETHER EARLIER PREFETCHES ARE TO BE DISCARDED AND WHETHER	IN-PROGRESS PREFETECHES ARE TO BE ABORTED
	1999/09/21		1999/10/28	
	09/400,795		09/430,361	

attached and concurrently submitted for recordation	010771/0324	013780/0741	attached and concurrently submitted for recordation	010593/0859	012565/0420
HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.
HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	SOLTIS, JR., DONALD C. COLON-BONET, GLENN T.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	SAKARDA, PREMANAND WANG, LAN	COMPAQ COMPUTER CORPORATION
m	-	2	က	1	2
		SYSTEMS AND METHODS FOR VARIABLE 1999/12/08 CONTROL OF POWER DISSIPATION IN A PIPELINED PROCESSOR		COMPREHENSIVE INTERFACE BETWEEN BIOS AND DEVICE DRIVERS TO SIGNAL EVENTS	
		1999/12/08		2000/02/29	
		09/457,169		09/515,436	

	COMPAQ INFORMATION 3 TECHNOLOGIES GROUP, L.P.
	HEWLETT-PACKARD 4 DEVELOPMENT COMPANY, L.P.
	EVERETT, GERALD L. 1 DICKEY, KENT A.
SYSTEM AND METHOD FOR MULTI PROCESSOR MEMORY TESTING	MULTI 2 HEWLETT-PACKARD COMPANY TING
	HEWLETT-PACKARD 3 DEVELOPMENT COMPANY L.P.
HIGH-SPEED INTERCONNECTION ADAPTER HAVING AUTOMATED CROSSED DIFFERENTIAL PAIR	C C C C C C C C C C C C C C C C C C C

011287/0120	012476/0307	014177/0428	attached and concurrently submitted for recordation		012322/0215			012333/0001
COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation		HEWLETT-PACKARD	COMPANY		TELEMEDIA DEVICES, INC. 012333/0001
KRAUSE, JOHN	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	TELEMEDIA DEVICES, INC.	ROSS, RICHARD A.	KINETECH, INC.	LEVENTHAL, MARGRET	ROSS, RICHARD A.
2	တ	4	rC		-	1		2
CORRECTION					METHODS FOR PROCESSING	CONDENSED COMPUTER CODE		
					92/90/0002			
					09/602.713	01 // 00 / 00		

015583/0106	025040/0494	attached and concurrently submitted for recordation	V 012305/0373	011075/0229	027105/0937
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	NXP B.V.	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	COMPAQ COMPUTER CORPORATION	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD COMPANY	HENRIKSSON, TOMAS STEFFENS, ELISABETH FRANCISCA MARIA	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	PAVLOVIC, VLADIMIR REHG, JAMES M.	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.
ro e	4	rv		2	င
			METHOD FOR VISUAL TRACKING USING SWITCHING LINEAR DYNAMIC SYSTEM MODELS		
			2000/09/01		
			09/654,022		

HTC Corporation submitted for recordation	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012310/0684 L.P	COMPAQ COMPUTER CORPORATION	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	attached and concurrently submitted for recordation	HEWLETT-PACKARD 011902/0184 COMPANY
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	DIGITAL EQUIPMENT CORPORATION TECI COMPAQ COMPUTER CORPORATION	PAVLOVIC, VLADIMIR CO REHG, JAMES M.	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	MITRA, SHITAL HE
4	H	2	3	4	1
		METHOD FOR MOTION CLASSIFICATION	SYSTEM MODELS		SYSTEM AND METHOD OF IMPLEMENTING NETWARE CORE
		10070000	700 / 00 / 00		2000/10/13
		000 7551 200	006,400 /50		09/687,329

014061/0492	attached and concurrently submitted for recordation	011315/0524	014061/0492	attached and concurrently submitted for recordation	011844/0101
HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	ZEE, PIETER J VAN GUPTA, ALOKE MILLER, ROBERT M	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	MOREHOUSE, CHARLES C.
2	3		2	c	1
PROTOCOL WITHIN A SOCKETS MODEL			VALIDATION AND AUDIT OF E-MEDIA DELIVERY		ELECTRONIC INK BALL POINT PEN WITH MEMORY
			2000/10/23		2000/12/01
			09/694,542		09/726,325

		2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	014061/0492
		က	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	attached and concurrently submitted for recordation
		\leftarrow	DICKEY, DAVID M. DEBLANC, JAMES J. HAYNIE, CARL R.	HEWLETT-PACKARD COMPANY	012074/0943
	FAN BRAKE FOR REMOVABLE MODULE	2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	026945/0699
Į.		c	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
	2001/04/20 CONICAL COILED SPRING CONTACT FOR MINIMIZING BATTERY-TO-DEVICE	7	MAPLE, LARRY E.	HEWLETT-PACKARD COMPANY	012092/0319

014061/0492	attached and concurrently submitted for recordation	012198/0616	014061/0492	attached and concurrently submitted for recordation
HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	JOHNSON, TEDDY C.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
2	υ	1	2	n
			METHODS AND STRUCTURE FOR IMPLEMENTING WEB SERVER	
			2001/05/21	
			09/862,538	

016363/0836	attached and concurrently submitted for recordation	012251/0783	014061/0492	attached and concurrently submitted for recordation
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation
MITCHELL, NATHAN FREIMAN, JOSEPH COMPAQ COMPUTER CORPORATION COMPAQ INFORMATION TECHNOLOGIES GROUP L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	DOLLIN, CHRISTOPHER J. GOPALAKRISHNAN, VAIDESWAR	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
-	2	\leftarrow	7	co
PORTABLE FUEL-CELL-POWERED SYSTEM WITH ULTRASONIC ATOMIZATION OF H2O BY-PRODUCT			CODE VERIFICATION SYSTEM AND METHOD	
2001/05/21			2001/06/01	
09/862,781			09/871,778	

012258/0070	014061/0492	attached and concurrently submitted for recordation	012278/0386	014061/0492	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation
BASKINS, DOUGLAS L. SILVERSTEIN, ALAN	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	BASKINS, DOUGLAS L. SILVERSTEIN, ALAN J.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
1	2	က	1	2	က
	SYSTEM FOR AND METHOD OF DATA 2001/06/04 COMPRESSION IN A VALUELESS DIGITAL TREE REPRESENTING A BITSET			SYSTEM FOR AND METHOD OF 2001/06/04 EFFICIENT, EXPANDABLE STORAGE AND RETRIEVAL OF SMALL DATASETS	
	2001/06/04			2001/06/04	
	09/874,468			09/874,654	

	012426/0810		014061/0492	attached and concurrently submitted for recordation	012157/0481	016313/0854
HEWLETT-PACKARD	COMPANY		HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012157/0481 L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
THOMPSON, CAROL L. ZIEGLER, MICHAEL L.	HUCK, JEROME C.	DWYER, LAWRENCE D.K.B.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	ZARGHAM, BAHMAN BATTAS, GREGORY	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.
	 -		2	c.	\leftarrow	2
		METHOD AND APPARATUS FOR	ENABLING A COMPILER TO REDUCE CACHE MISSES BY PERFORMING PRE-FETCHES IN THE EVENT OF CONTEXT SWITCH		2001/09/07 AND SYSTEM FOR REDUCING LATENCY OF BUSINESS OPERATIONS OF AN	
			2001/07/27		2001/09/07	
			09/917,535		09/948,927	

attached and concurrently submitted for recordation	HEWLETT-PACKARD 012720/0626 COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	attached and concurrently submitted for recordation	HEWLETT-PACKARD 012851/0181 COMPANY	
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	TARQUINI, RICHARD PAUL GALES, GEORGE SIMON	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	BALTES, WOLFGANG	
ro.	1	2	m	1	
		NETWORK, METHOD AND COMPUTER READABLE MEDIUM FOR DISTRIBUTING SECURITY UPDATES TO SELECT NODES	ON A NETWORK	METHOD TO ELIMINATE USER SETUP FOR INSTALLATION OF BROADBAND	MODEM-ROUTERS MODEM-ROUTERS
		2001/10/31		2001/12/04	
		10/001,446		10/011,020	

015146/0878	attached and concurrently submitted for recordation	012462/0207	014628/0103	attached and concurrently submitted for recordation
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP,L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
LITT, TIMOTHE DIGITAL EQUIPMENT CORPORATION COMPAQ INFORNATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	REEVES, DRUE A. NEUFELD, E. DAVID DAVENPORT, CHRISTOPHER	COMPAQ INFORMATION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
1	~	2	3	
2001/12/28 IMPLEMENTING LOOP COMPRESSION IN A PROCE AM COLINTER TRACE		VIRTUAL MEDIA FROM A DIRECTORY SERVICE		
2001/12/28		2002/01/04		
10/034,506			10/038,239	

013433/0405 013776/0928 013776/0928 submitted for recordation 013042/0902				013776/0928	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. HTC Corporation COMPANY HEWLETT-PACKARD COMPANY DEVELOPMENT				HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
PISUPATI, RAVIKUMAR NIJDAM, MARC RAO, RAGHAV	RAO, RAGHAV HEWLETT-PACKARD COMPANY L.P. L.P. FULGHUM, PATRICK WELDON BURKES, THERESA A. HEWLETT-PACKARD COMPANY HEWLETT-PACKARD				HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
H 0 0				2	co
	INSTALLATION OF NETWORK SERVICES IN AN EMBEDDED NETWORK SERVER			AVAILABLE SERVER DETERMINATION	
	2002/04/03			2002/04/19	
	10/115,403			10/125,507	

		-	VORA, POORVI L. KNAPP, VERNA E.	HEWLETT-PACKARD COMPANY	013091/0271
		2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	013776/0928
ANONYMOUS TRANSACTIONS BASED ON DISTRIBUTED PROCESSING	CTIONS BASED	က	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	014061/0492
		4	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	HTC Corporation	attached and concurrently submitted for recordation
		<i>←</i> i	TSAL, JENN-YUAN RAMASAMY, VINODHA	HEWLETT-PACKARD COMPANY	013312/0622
Preserving Program Context When Adding Probe Routine Calls For Program	ct When Adding or Program	2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	013776/0928
Instrumentation	uo	m	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation

ACKARD 013470/0052	ACKARD MENT 013776/0928 Y, L.P.	attached and concurrently submitted for recordation	S GROUP, 013061/0164	ACKARD MENT 014628/0103 Y, L.P.	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
DICKEY, LAURA	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	CAGLE, JOHN M. ZINK, DANIEL JOHN BODNER, JAMES T.	COMPAQ INFORMATION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
1	2	3	1	2	3
SYSTEM AND METHOD FOR CONDENSING APPLICATION SOFTWARE				AUTONOMOUS BOOT FAILURE DETECTION AND RECOVERY	
2002/05/30				2002/06/28	
	10/160,800			10/184,140	

RAO, RAGHAV
HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.

FACILITY CREATION PROCESS FOR CLUSTERED SERVERS
2002/08/07 STORAGE DEVICE USING AN AUXILIARY MEMORY DEVICE

013776/0928	attached and concurrently submitted for recordation	013654/0069	013776/0928	attached and concurrently submitted for recordation
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HARRIS, SHAUN L. PETERSON, ERIC C. FISK, DAVID	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
η ω		1	7	w
			ELECTRONIC ASSEMBLY HAVING A REMOVABLE POWER SUPPLY	
			2002/09/09	
	_		10/237,317	

013529/0613	013776/0928	attached and concurrently submitted for recordation	013593/0570	013776/0928	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. COMPANY, L.P.			HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
HENRY, STEVEN G. SMITH, KRISTIN M. WOLF, JOHN P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	GUILLEMIN, GUSTAVO	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
2 8			1	2	c
	INFORMATION RESEARCH INITIATED FROM A SCANNED IMAGE MEDIA			PERIPHERAL DEVICES, SYSTEMS FOR PROVIDING JOB OPERATIONS FOR A PLURALITY OF HOST DEVICES, AND PERIPHERAL DEVICE MONITORING	METHODS
	2002/09/18		2002/09/27		
	10/247,113			10/260,781	

RD 013739/0661	RD 013776/0928	attached and concurrently submitted for recordation	RD 013946/0036	RD 013776/0928	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. HTC Corporation			HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
PURDY, PAULENE M.	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	WARD, JULIE SHAHOURNIAN, TROY WILKES, JOHN O'SULLIVAN, MICHAEL BEYER, DIRK	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
3 2			7	2	33
DATA QUEUEING				Reprovisioning technique for an interconnect fabric design	
2002/11/04				2002/09/09	
	10/287,277			10/290,760	

013514/0618	013514/0618 013776/0928 attached and concurrently submitted for recordation			013776/0928	attached and concurrently submitted for recordation
HEWLETT-PACKARD COMPANY			HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
PISUPATI, RAVIKUMAR CHEN, DONGNI	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	PISUPATI, RAVIKUMAR CHEN, DONGNI	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
T	2	က	7	2	က
SYSTEM AND APPARATUS FOR UPGRADING CONCENTRATED EXECUTABLE COMPUTER SOFTWARE CODE WITHOUT RECONCENTRATION				SYSTEM AND APPARATUS FOR DYNAMICALLY UPGRADING CONCENTRATED EXECUTABLE	COMPUIER SOFTWARE CODE
	2002/11/20		2002/11/20		
	10/300,258			10/300,272	

010130/0663	012562/0406	015000/0305	attached and concurrently submitted for recordation	014628/0103	014727/0835
COMPAQ COMPUTER CORPORATION) Ö F				HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
ANNE, RAMAKRISHNA WATTS, ROBERT F.	COMPAQ COMPUTER CORPORATION	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	COMPAQ INFORMATION TECHNOLOGIES GROUP LP	VAN DOREN, STEPHEN R. TIERNEY, GREGORY E.
\leftarrow	2	7	2		
		2002/12/06 MODEM UTILIZING CONVENTIONAL TELEPHONE WIRING		SYSTEM AND METHOD FOR AVOIDING DEADLOCK	
		2003/01/07			
		10/314,091		10/337,833	

016008/0584	016770/0679	attached and concurrently submitted for recordation	015090/0558	attached and concurrently submitted for recordation	
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	
VAN DOREN, STEPHEN R. TIERNEY, GREGORY G.	TIERNEY, GREGORY E.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	FRANZ, JOHN VINSON, WADE D.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
m	4	rc	1	2	
			COLLAPSIBLE FAN AND SYSTEM AND METHOD INCORPORATING SAME		
				2003/01/16	
				10/345,785	

014759/0569	015551/0919	attached and concurrently submitted for recordation	014056/0792
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
WILLIAMS, DAVID OROSS, GLEN YIN, MEMPHIS-ZHIHONG DEROCHER, MICHAEL D. BLIVEN, ROBERT	WILLIAMS, DAVID OROSS, GLEN YIN, MEMPHIS-ZHIHONG DEROCHER, MICHEL D. BLIVEN, ROBERT	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	TALWAR, VANISH CHEN, DONGHI
1	7	S	
	REMOVABLE STORAGE OF SPEAKERS WITHIN CAVITIES OF ELECTRONIC DEVICE HOUSING		NATIVE LANGUAGE VERIFICATION SYSTEM AND METHOD
	2003/03/22		2003/05/14
	10/393,960		10/439,052

attached and concurrently submitted for recordation	014133/0953	attached and concurrently submitted for recordation	013654/0069	013776/0928
HTC Corporation	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	SCOREDOS, ERIC C. TALGERY, HRISHIKESH LIN, DAVID HSING	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HARRIS, SHAUN L. PETERSON, ERIC C. FISK, DAVID	HEWLETT-PACKARD COMPANY
7	~	2	←	2
	SYSTEM FOR CONTROLLING	REQUESTS	ELECTRONIC ASSEMBLY HAVING A REMOVABLE POWER SUPPLY	
	2003/06/03		2003/07/29	
	10 / 453 043	C+0'C0+ /01	10/629,988	

attached and concurrently submitted for recordation	014474/0679	attached and concurrently submitted for recordation	JN JP, 012305/0373	٥ 011075/0229	027105/0937
HTC Corporation	HEWLETT-PACKARD DEVELOPMENT COMPANY	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	COMPAQ COMPUTER CORPORATION	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	LEE, MAN-HO LAWRENCE	HEWLETT-PACKARD DEVELOPMENT COMPANY	DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION	PAVLOVIC, VLADIMIR REHG, JAMES M.	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.
ro e		2	-	2	6
		METHOD TO REGULATE TRAFFIC	METHOD FOR VISUAL TRACKING USING SWITCHING LINEAR DYNAMIC SYSTEM MODELS		
		2003/09/04	2003/09/12		
		10/654,727	10/662,067		

ARD T 014628/0103	attached and concurrently submitted for recordation	ARD T 014509/0848	attached and concurrently submitted for recordation	COMPAQ INFORMATION TECHNOLOGIES GROUP, 012310/0684 L.P
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P
COMPAQ INFORMATION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	DUNCAN, SAMUEL H. KOCEV, ANDREJ MAYO, DAVID T.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	DIGITAL EQUIPMENT CORPORATION COMPAQ COMPUTER CORPORATION
4	rc	() H		17
		METHOD AND SYSTEM OF COMPLETING PENDING I/O DEVICE READS IN A	MULTIPLE-PROCESSOR COMPUTER SYSTEM	2003/09/16 USING SWITCHING LINEAR DYNAMIC SYSTEM MODELS
		2002 / 2007 / 15	2003/09/16	
		COE C33/01	10/ 002/,02	10/663,938

	2	PAVLOVIC, VLADIMIR REHG, JAMES M.	COMPAQ COMPUTER CORPORATION	011070/0580
	3 1	COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	027105/0937
	4	COMPAQ INFORMATION TECHNOLOGIES GROUP LP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	014628/0103
	5	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
REDUCING BATT	REDUCING BATTERY TERMINAL	MAPLE, LARRY E.	HEWLETT-PACKARD COMPANY	012091/0270
I KESISI ANCE SI SULATING CONTA LAYER ON SAME	FROM INSULATING CONTAMINANT LAYER ON SAME	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	013780/0741

COMPANY, L.P.	31 DEVELOPMENT 014633/0372		COMPANY, L.P. HTC Corporation HEWLETT-PACKARD COMPANY	COMPANY, L.P. HTC Corporation HEWLETT-PACKARD COMPANY HEWLETT-PACKAR DEVELOPMENT COMPANY
	CHEN, MEI	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD DEVELOPMENT COMPAN L.P. MOHIDEEN, SALEEM AHLUWALLA, MANISH	HEWLETT-PACKARD DEVELOPMENT COMPAN L.P. MOHIDEEN, SALEEM AHLUWALLA, MANISH MOHIDEEN, SALEEM AHIUWALIA, MANISH
	-	2		
	METHOD FOR IMAGE STABILIZATION BY	ADAPTIVE FILTERING	ADAPTIVE FILTERING	ADAPTIVE FILTERING METHODS AND APPARATUS FOR A DUAL ADDRESS SPACE OPERATING SYSTEM
	2003/10/17 METHOD FOR IMAGE			ME 2003/10/24 DU
	10/687,681			10/692,981

	1 T	MACHE, OLIVIER HELOT, OLIVIER TOURNADRE, VINCENT	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	015202/0688
	2 DEV	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
	,	BREBNER, GAVIN	HEWLETT-PACKARD	
ODS AND DEVICE	METHODS AND DEVICES RELATING TO	GITTLER, MIHAELA VICARD, DOMINIQUE	DEVELOPMENT COMPANY, L.P.	015033/0302
	2	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	attached and concurrently submitted for recordation
CINITION OF OTHER		HARTWELL, PETER G.	HEWLETT-PACKARD	
ELECTROINIC WINTING STSTEMS AIND METHODS	\leftarrow	ROSENBERG, STEVEN	DEVELOPMENT COMPANY, L.P.	015187/0437
	_	INTERNITORY OF EVE E.		

attached and concurrently submitted for recordation	015296/0677	attached and concurrently submitted for recordation	015466/0022	attached and concurrently submitted for recordation
HTC Corporation	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HTC Corporation
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	COCHRAN, ROBERT ALAN OSETO, DAVID E.	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	SRINIVASAN, KARAMADAI TRIPP, THOMAS M. GILL, RAJPAL	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
7		2	←	2
	a Canter VA and A Voice International	INTERNAL DISK AKKAT MIKKOK ARCHITECTURE	DIAGNOSTIC METHOD, SYSTEM, AND PROGRAM THAT ISOLATES AND DECOUVED BY DEFINE THE PROPERTY.	BETWEEN A PORATABLE DEVICE AND A HOST COMPUTER
		2004/04/30	2004/06/09	
		10/835,115	002 1007 01	10/ 00 5 ,/ 20

NETWORK-BASED
DECODING SYSTEM AND METHOD
SYSTEM AND METHOD FOR DISTRIBUTING LOAD AMONG REDUNDANT INDEPENDENT STATEFUL
WORLD WIDE WEB SERVER SITES
COOLING SYSTEM WITH SUBMERGED FAN

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attached and concurrently submitted for recordation
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no
HTC Corporation
TC Co
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INX,
HEWLETT-PACKARD VELOPMENT COMPAN L.P.
T-PAC ENT C L.P.
3WLET LOPM
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
7

Pursuant to 37 CFR 3.71, I hereby state the prosecution of the listed application(s) or reexamination of the listed patent(s) is to be conducted to the exclusion of both the inventor(s) and previous assignee(s).

The undersigned is authorized to act on behalf of the assignee.

Signature (

Name Yih-Yu EI (as known as Grace Y. Lei)

Title General Counsel

Date January 19, 2012

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Exhibit B

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

WHEREAS, Hewlett-Packard Development Company, L.P., a limited partnership established and existing under the laws of the State of Texas and having its registered place of business at 20555 S.H. 249 Houston, Texas 77070, U.S.A. and Hewlett-Packard Company, a corporation organized and existing under the laws of the State of Delaware and having its principal place of business at 3000 Hanover Street, Palo Alto, California 94304, U.S.A. (collectively "HP") are the owners of record, either individually or collectively, of the Assigned Patents (as defined below);

WHEREAS, HTC Corporation ("Purchaser"), a corporation duly organized and existing under and by virtue of the laws of Taiwan, and having a place of business at No. 23 Xinghua Road, Taoyuan City, Taoyuan County 330, Taiwan, is desirous of acquiring the entire interest in and to the Assigned Patents (as defined below);

WHEREAS, HP and Purchaser have entered into a Patent Purchase and Sale Agreement for certain patents and patent applications dated November 11, 2011 ("Purchase and Sale Agreement") wherein HP has agreed to sell and Purchaser has agreed to purchase the Assigned Patents subject to all prior encumbrances and licenses;

WHEREAS, Purchaser has agreed and covenanted in said Purchase and Sale Agreement to license back to HP certain rights under the Assigned Patents, as set forth in Sections 6.1.2 and 7.2 thereof, as a condition of and as part of the consideration for the Parties entering into the Purchase and Sale Agreement;

WHEREAS, this Assignment is made by HP subject to and contingent upon Purchaser concurrently providing to HP a grant-back license to the Assigned Patents and upon Purchaser and its Affiliates making certain covenants not to sue or assert the Assigned Patents, in accordance with the Purchase and Sale Agreement; and

WHEREAS, for the purpose of this Assignment, the following terms, whether in singular or in plural form, when used with a capital initial letter shall have the respective meanings as follows.

"Affiliate" means with respect to any person, any other Person that directly, or indirectly through one or more intermediaries, controls, is controlled by, or is under the common control of the Person in question; provided, however, that in any country where the local law or regulation does not permit foreign equity participation of more than fifty percent (50%), an "Affiliate" shall include any Person in which the Person in question owns or controls, directly or indirectly, the maximum percentage of such outstanding stock or voting rights permitted by such local law or regulation. For purposes of the foregoing, "control," including the terms "controlling," "controlled by" and "under common control with," means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by contract or otherwise.

"Assigned Patents" means the issued patents and patent applications listed in Appendix A of this Assignment.

"Encumbrances" means any commitments, licenses or other rights relating to any of the Assigned Patents, whether express, implied or otherwise, that are made, entered into or granted by, or that arise from the actions taken by, HP, any current or former Affiliate of HP, or any Person, prior to the Effective Date including, but not limited to, the commitments, licenses and rights described in Sections 5 and 6.1 of the Purchase and Sale Agreement.

"Person" means any natural person, corporation, company, partnership, association, sole proprietorship, trust, joint venture, non-profit entity, institute, governmental authority, trust association or other form of entity not specifically listed herein including, without limitation, HP or any of its Affiliates, or Purchaser or any of its Affiliates.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration to HP in hand paid, the receipt of which is hereby acknowledged, HP has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over unto said Purchaser, subject to all Encumbrances, its whole right, title, and interest in and to all of the Assigned Patents, said whole right, title, and interest in and to said Assigned Patents including all past, present, and future causes of action and claims for damages derived by reason of patent infringement thereof (to the extent such damages are not already paid, awarded or contractually owed to HP, its Affiliates or any predecessor of HP or HP's Affiliates), for said Purchaser's own use and for the use of its assigns, successors, and legal representatives to the full end of the term of each of the Assigned Patents. For clarity, the foregoing assignment does not include (i) any trademarks, trade dress, trade names, or other indicia of origin; (ii) except for inventions of the Assigned Patents, any inventions or discoveries, whether patentable or not, and registrations, invention disclosures, patents and applications therefor; (iii) any trade secrets, confidential information or know-how; (iv) any works of authorship, whether copyrightable or not; and (v) any other intellectual property or proprietary rights of HP, its Affiliates or any predecessor of HP or HP's Affiliates.

In Testimony Whereof, HP by its fully authorized representatives has executed this Assignment as of the dates indicated below.

HEWLETT-PACKARD DEVELOPMENT	COMPA	ΥΙ, Δ.Γ.		
By: HPQ Holdings, LLC, its General Partr	ner .			
By: Bruce Ives., Manager HPQ Holdings, LLC	Date: _	NER	(3	204
By: Susan Goodhue VP & AGC, Intellectual Property Tran Hewlett-Packard Company	_)ccembe	<u>r 13, :</u>	2011

Appendix A of Exhibit B: List of Assigned Patents

United States Patents

Item #	Lot ID	Lot Title	Patent #	Patent Title
1	W091106-B	PC - Audio System	US5666263	Attaching a speaker to a computer component
2	W091106-B	PC - Audio System	US5701347	Audio system for a personal computer
3	W091106-B	PC - Audlo System	US7035086	Removable storage of speakers within cavities of electronic device housing
4	W100226-A	PC Power Supply	US5550729	Power sequencing control
. 5	W100226-A	PC Power Supply	US5682306	Switched mode power supply with power factor correction
6	W100226-A	PC Power Supply	US5828204	Power supply with minimal dissipation output stage
7	W100226-A	PC Power Supply	US6659779	Electronic assembly having a removable power supply
8	W100226-A	PC Power Supply	US6773267	Electronic assembly having a removable power supply
9	W110603-A	PCs and Notebook Design	U\$5777628	Method and apparatus for detecting cache collisions in a two dimensional memory
10	W110603-A	PCs and Notebook Design	US5781407	Portable personal computers with multi-directional infrared communication
11	W110603-A	PCs and Notebook Design	US5896524	Off-line clock synchronization for multiprocessor event traces
12	W110603-A	PCs and Notebook Design	US6256193	Vertical docking and positioning apparatus for a portable computer
13	W110603-A	PCs and Notebook Design	US6404626	Integrated connector module for personal computers
14	W110603-A	PCs and Notebook Design	US7143321	System and method for multi processor memory testing
15	W110603-A	PCs and Notebook Design	US7145767	Support .
16	W100312-A	Antennas and modems	US5640689	Communications apparatus with antenna switching based on antenna rotation
17	W100312-A	Antennas and modems	US6141690	Computer network address mapping
18	W100312-A	Antennas and modems	US6150992	Traceable self-contained programmable frequency source for performing alternate test site and open area test site comparisons
19	W090424-C	Battery Circuitry and Backup Power Technologies	US5416403	Current stabilizing circuit
20	W090424-C	Battery Circuitry and Backup Power Technologies	US5488531	REDUNDANT POWER MIXING ELEMENT WITH FAULT DETECTION
21	W090424-C	Battery Circuitry and Backup Power Technologies	US6014014	State-of-charge-measurable batteries
22	W090424-C	Battery Circuitry and Backup Power Technologies	US6259971	Portable fuel-cell-powered system with ultrasonic atomization of H2O by-product
23	W090424-C	Battery Circuitry and Backup Power Technologies	U\$6274949	Back-Up Power Accessory For A Computer
24	W090424-C	Battery Circuitry and Backup Power	US6311279	INTERNAL BATTERY BACKUP

		Technologies		
25	W090424-C	Battery Circuitry and Backup Power Technologies	US6635383	Conical coiled spring contact for minimizing battery-to- device contact resistance stemming form insulating contaminant layer on same
26	W090424-C	Battery Circuitry and Backup Power Technologies	US6641952	Battery arrangement for reducing battery terminal contact resistance stemming from insulating contaminant layer on same
27	W090424-C	Battery Circuitry and Backup Power Technologies	US6950729	Portable fuel-cell-powered system with ultrasonic atomization of H2O by-product
28	W090424-C	Battery Circuitry and Backup Power Technologies	US7351497	Reducing battery terminal contact resistance stemming from insulating contaminant layer on same
29	W090501-A	Battery Pack, Charger and Battery Management	US5659238	Computer battery pack charge current sensor with gain control
30	W090501-A	Battery Pack, Charger and Battery Management	US5677077	Sensor circuit for providing maximum and minimum cell voltages of a battery
31	W090501-A	Battery Pack, Charger and Battery Management	U\$5717937	IMPROVED CIRCUIT FOR SELECTING AND DESIGNATING A MASTER BATTERY PACK IN A COMPUTER
32	W090501-A	Battery Pack, Charger and Battery Management	US6160378	Battery Charger With Detachable Mechanical Adapters And Fold-Out Connectors
33	PSL54	Epen	US7193618	Electronic ink ball point pen with memory
34	PSL54	Epen	US7342575	Electronic writing systems and methods
35	W110204-A	Power Management	US5777503	Pulse width modulation bias to minimize effect of noise due to ramp switching
36	W110204-A	Power Management	US5786687	Transformer-Isolated pulse drive circuit
. 37	W110204-A	Power Management	US5789904	Computer battery pack charge current sensor with gain control
38	W110204-A	Power Management	US5907197	AC/DC portable power connecting architecture
39	W110204-A	Power Management	US5911529	Typing power
40	W110204-A	Power Management	US6026495	Nonintrusive monitoring of a computer sys- tem's downtime due to a supply power outage condition
41	W110204-A	Power Management	US6046662	Low profile surface mount transformer
42	PSL87	Microprocessor Architecture	US5495569	Circuit for ensuring that a local interrupt controller in a microprocessor is powered up active
43	PSL87	Microprocessor Architecture	US5689653	Vector memory operations
44	PSL87	Microprocessor Architecture	US5751932	Fail-fast, fail-functional, fault-tolerant multiprocessor system
45	PSL87	Microprocessor Architecture	US5832290	Apparatus, systems and method for improving memory bandwidth utilization in vector processing systems
46	PSL87	Microprocessor Architecture	US5838894	Logical, fail-functional, dual central processor units formed from three processor units

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47	PSL87	Microprocessor Architecture	US5870576	Method and apparatus for storing and expanding variable-length program instructions upon detection of a miss condition within an instruction cache containing pointers to compressed instructions for wide instruction
				word processor architectures
48	PSL87	Microprocessor Architecture	US5964867	Method for inserting memory prefetch operations based on measured latencies in a program optimizer
49	PSL87	Microprocessor Architecture	US6026479	Apparatus and method for efficient switching of CPU mode between regions of high instruction level parallism and low instruction level parallism in computer programs
50	PSL87	Microprocessor Architecture	US6195754	Method and apparatus for tolerating power outages of variable duration in a multi-processor system
51	PSL87	Microprocessor Architecture	US6308261	Computer system having an instruction for probling memory latency
52	PSL87	Microprocessor Architecture	US6799263	Prefetch instruction for an unpredicted path including a flush field for indicating whether earlier prefetches are to be discarded and whether in-progress prefetches are to be aborted
53	· PSL87	Microprocessor Instructions	US5721893	Exploiting untagged branch prediction cache by relocating branches
54	PSL87	Microprocessor Instructions	US5809450	Method for estimating statistics of properties of instructions processed by a processor pipeline
55	PSL87	Microprocessor Instructions	US6189141	Control path evaluating trace designator with dynamically adjustable thresholds for activation of tracing for high (hot) activity and low (cold) activity of flow control
56	PSL87	Microprocessor Instructions	US6219833	Method of using primary and secondary processors
57	PSL87	Microprocessor Instructions	US6463523	Method and apparatus for delaying the execution of dependent loads
58	PSL87	Microprocessor Instructions	US6651176	Systems and methods for variable control of power dissipation in a pipelined processor
59	PSL87	Microprocessor Instructions	US6691207	Method and apparatus for implementing loop compression in a program counter trace
60	PSL87	Microprocessor Instructions	US6845501	Method and apparatus for enabling a compiler to reduce cache misses by performing pre-fetches in the event of context switch
61	W110415-A	Computer Network and System Management	US5819042	Method and apparatus for guided configuration of unconfigured network and internetwork devices
62	W110415-A	Computer Network and System Management	US6505256	Automatic synchronization of state colors across a web- based system
63	W110415-A	Computer Network and System Management	US7010717	Facility creation process for clustered servers
64	W110415-A	Computer Network and System Management	US7111202	Autonomous boot failure detection and recovery
65	W110415-A	Computer Network and System Management	US7120684	Method and system for central management of a computer network

66	W110415-A	Computer Network and System Management	US7240090	Data queueing
67	W110415-A	Computer Network and System Management	US7249115	Network modelling
68	W110415-A	Computer Network and System Management	US7359978	Providing secure access through network firewalls
69	W110415-A	Computer Network and System Management	US7366857	Internal disk array mirror architecture
70	W110415-A	Computer Network and System Management	U\$7383379	Manipulating data in a data storage device using an auxiliary memory device
71	W110415-A	Computer Network and System Management	US7444679	Network, method and computer readable medium for distributing security updates to select nodes on a network
72	W100702-A	Network and System Management	US7185111	Available server determination
73	W100702-A	Network and System Management	US7320032	Methods and structure for reducing resource hogging
74	W100702-A	Network and System Management	US7346808	Diagnostic method, system, and program that Isolates and resolves partnership problems between a portable device and a host computer
75	W100702-A	Network and System Management	US7404205	System for controlling client-server connection requests
76	W100702-A	Network and System Management	US7434141	Network-based memory error decoding system and method
77	W100702-A	Network and System Management	US7447764	Peripheral devices, systems for providing job operations for a plurality of host devices, and peripheral device monitoring methods
78	W100702-A	Network and System Management	US7457881	Method and apparatus for sending data from one protocol layer to another
79	W100702-A	Network and System Management	US7508763	Method to regulate traffic congestion in a network
80	W100702-A	Network and System Management	US7571221	Installation of network services in an embedded network server
81	W091113-A	Network and Systems Management	US5991897	Diagnostic module dispatcher
82	W091113-A	Network and Systems Management	US6687762	Network operating system adapted for simultaneous use by different operating systems
83	W091113-A	Network and Systems Management	US6711621	System and method of implementing netware core protocol within a sockets model
84	W091113-B		US5742602	
85	W091113-B	Network Data Transfer	US6198727	Method and apparatus for providing 10Base-T/100Base-TX link assurance

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86	W091113-B	Network Data Transfer	US6381288	Method and apparatus for recovering data from a differential phase shift keyed signal
87	W091113-B	Network Data Transfer	US6865231	High-speed interconnection adapter having automated crossed differential pair correction
88	W110506-A	Networking	US5920698	AUTOMATIC DETECTION OF A SIMILAR DEVICE AT THE OTHER END OF A WIRE IN A COMPUTER NETWORK
89	W110506-A	Networking	US5923654	NETWORK SWITCH THAT INCLUDES A PLURALITY OF SHARED PACKET BUFFERS
90	W101210-A	Networking	US5923663	Method and apparatus for automatically detecting media connected to a network port
91	W101210-A	Networking	US5983269	Method and apparatus for configuring routing paths of a network communicatively interconnecting a number of processing elements
92	W101210-A	Networking	US6041065	Flexible multi-frequency repeater
93	W101210-A	Networking	US6049889	High performance recoverable communication method and apparatus for write-only networks
94	W110701-A	Networking	US6429762	Data communication isolation transformer with improved common-mode attenuation
95.	W110506-A	Networking	US6603808	DUAL MODE PHONE LINE NETWORKING MODEM UTILIZING CONVENTIONAL TELEPHONE WIRING
96	W110506-A	Networking	US6631131	TRANSPOSE TABLE BIASED ARBITRATION SCHEME
97	W101210-A	Networking	US6647099	Administrative control and security of moderns
98	W110506-A	Networking	US6744812	DUAL MODE PHONE LINE NETWORKING MODEM UTILIZING CONVENTIONAL TELEPHONE WIRING
99	W110701-A	Networking	US7173926	Method to eliminate user setup for Installation of broadband modems, routers, and integrated modem-routers
100	W101210-A	Networking	US7308494	Reprovisioning technique for an Interconnect fabric design
101	W110128-A	Web Server	US5941959	System for transferring a data stream to a requestor without copying data segments to each one of multiple data source/sinks during data stream building
102	W110128-A	Web Server	US5961598	System And Method For Internet Gateway Performance Charting
103	W110128-A	Web Server	US5974463	A scaleable network system for remote acce ss of a local network
104	W110128-A	Web Server	US7076796	Virtual media from a directory service
105	W110128-A	Web Server	US7203764	System and method for distributing load among redundant independent stateful world wide web server sites
106	W110128-A	Web Server	US7222177	Methods and structure for implementing web server quality-of-service control
107	W110128-A	Web Server	US7376741	System For Aborting Response To Client Request If Detecting Connection Between Client Server Is Closed By Examining Local Server Information
108	W090417-A	Database Management Technology	US5440732	Key-range locking with Index trees
109	W090417-A	Database Management	US5485607	Concurrency-control method and apparatus in a database management system utilizing key-valued

		Technology		locking
110	W090417-A	Database Management Technology	US5504900	Commitment ordering for guaranteeing serializability across distributed transactions
111	W090417-A	Database Management Technology	US6044375	Automatic extraction of metadata using a neural network
112	W090417-A	Database Management Technology	US6785687	System for and method of efficient, expandable storage and retrieval of small datasets
113	W090417-A	Database Management Technology	US6816856	System for and method of data compression in a valueless digital tree representing a bitset
114	W090417-A	Database Management Technology	U56954757	Framework, architecture, method and system for reducing latency of business operations of an enterprise
115	W090612-B	Embedded Software Creation	US6163780	System and apparatus for condensing executable computer software code
116	W090612-B	Embedded Software Creation	US6856994	System and method for condensing application software
117	W090612-B	Embedded Software Creation	US7089251	Methods for processing condensed computer code
118	W090612-B	Embedded Software Creation	US7093245	System and apparatus for upgrading concentrated executable computer software code without reconcentration
119	W090612-B	Embedded Software Creation	US7096463	System and apparatus for dynamically upgrading concentrated executable computer software code
120	W090612-A	Embedded Software Execution	US7036111	Code verification system and method
121	W090612-A	Embedded Software Execution	US7069396	Deferred memory allocation for application threads
122	W090612-A	Embedded Software Execution	US7320129	Native language verification system and method
123	W110311-A	Graphics Software	US5889994	Method for cataloging graphics primitives by rendering state
124	W090925-A	Graphics Software	US6052132	Technique for providing a computer generated face having coordinated eye and head movement
125	W090925-A	Graphics Software	US6172682	Detecting insideness of a rectangle to an arbitrary polygon
126	W110311-A	Graphics Software	US6175373	Method and apparatus for presenting video on a display monitor associated with a computer
127	W110311-A	Graphics Software	US6300959	Method and system condensing animated images
128	W090925-A	Graphics Software	US6359618	Using irradiance textures for photorealistic image generation
129	W110311-A	Graphics Software	US6753878	Parallel pipelined merge engines
		C - dila Cata	US7151864	Information research initiated from a scanned image
130	W110311-A	Graphics Software	037131001	media
130	W110311-A W110311-A	Graphics Software Graphics Software	US7254279	

133	W100108-A	Graphics Software -	US6683968	Method for visual tracking using switching linear
134	W100108-A	Motion Analysis Graphics Software -	US6694044	dynamic system models Method for motion classification using switching linear
		Motion Analysis		dynamic system models
135	W100108-A	Graphics Software - Motion Analysis	US6778704	Method and apparatus for pattern recognition using a recognition dictionary partitioned into subcategories
136	W100108-A	Graphics Software - Motion Analysis	US6944317	Method for motion classification using switching linear dynamic systems models
137	W100108-A	Graphics Software - Motion Analysis	US6999601	Method for visual tracking using switching linear dynamic systems models
138	W091211-A	Secure Software Distribution	US5615061	Method of preventng software piracy by uniquely identifying the specific magnetic storage device the software is stored on
139	W091211-A	Secure Software Distribution	US6324691	Manufacture of software distribution media packages from components resident on a remote server source
140	W100702-B	Security	US7058685	Validation and audit of e-media delivery
141	W100702-B	Security	US7187772	Anonymous transactions based on distributed processing
142	W100122-A	Security	US7308707	Communication and authentication of a composite credential utilizing obfuscation
143	W100702-B	Security	US7472271	Methods and devices relating to distributed computing environments
144	W100115-B	Video Signal Processina	US5539473	Dot clock generation with minimal clock skew
145	W100115-B	Video Signal Processing	US5552783	Constant current voltage restoration
146	W100115-B	Video Signal Processing	US5629720	Display mode processor
147	W100115-B	Video Signal Processing	US7023470	Self-testing video display devices and method of use thereof
148	W100115-B	Video Signal Processing	US7038669	System and method for providing a reference video signal
149	W100402-A	Cooling System	U\$6422814	Fan brake for removable module
150	W100402-A	Cooling System	US6972956	Collapsible fan and system and method Incorporating same
151	W100402-A	Cooling System	US7164582	Cooling system with submerged fan
152	W111021-A	Operating System	US5579478	System Administration Module For An Operating System Affords Graded Restricted Access Privileges
153	W111021-A	Operating System	US6453461	A METHOD AND APPARATUS FOR INTERFACING A GENERIC PROGRAM WITH ASL PLUG AND PLAY CODE IN AN ACPI OPERATING SYSTEM
154	W111021-A	Operating System	US6505258	COMPREHENSIVE INTERFACE BETWEEN BIOS AND DEVICE DRIVERS TO SIGNAL EVENTS
155	W111021-A	Operating System	US6549930	METHOD FOR SCHEDULING THREADS IN A MULTITHREADED PROCESSOR
156	W111021-A	Operating System	US7099978	Method And System Of Completing Pending I/O Device Reads In A Multiple-processor Computer System
157	W111021-A	Operating System	US7107579	Preserving Program Context When Adding Probe Routine Calls For Program Instrumentation
158	.W111021-A	Operating System	US7149873	Methods And Apparatus For A Dual Address Space Operating System

159	W111021-A	Operating System	US7203775	System And Method For Avoiding Deadlock

Foreign Patents

	Lot ID	LotTitle	Patent #	Patent Title
160	<u>(1984)</u>	Comment of the Commen	None (intentionally left blank)	Carrier and the Control of the Contr
161	W091113-A	Network and Systems Management	JP3410748	COMPUTER SYSTEM MANAGER
162	W091113-A	Network and Systems Management	CH520769	COMPUTER SYSTEM MANAGER
163	W091113-A	Network and Systems Management	DE520769	COMPUTER SYSTEM MANAGER
164	W091113-A	Network and Systems Management	FR520769	COMPUTER SYSTEM MANAGER
165	W091113-A	Network and Systems Management	GB520769	COMPUTER SYSTEM MANAGER
166	W1104 1 5-A	Computer Network and System Management	MX PA/a/2004/007787	Method and System for Central Management of a Computer Network
167	PSL87	Microprocessor Instructions	JP3711206	Supertree
168	PSL87	Microprocessor Instructions	DE926594	Supertree
169	PSL87	Microprocessor Instructions	FR926594	Supertree
170	P\$L87	Microprocessor Instructions	GB926594	Supertree
171	W100702-B	Security	EP1202202	Validation and audit of e-media delivery
172	PSL87	Microprocessor Architecture	FR752656	FAULT-TOLERANT MULTIPLE PROCESSOR SYSTEM WITH DUPLEXED PROCESSOR PAIRS
173	PSL87	Microprocessor Architecture	GB752656	FAULT-TOLERANT MULTIPLE PROCESSOR SYSTEM WITH DUPLEXED PROCESSOR PAIRS